

IN THE CLAIMS

Claims 1-5, 7-10, 14-18, 23-27, 29-32, and 36-40 remain in the application.

Claims 6 and 28 have been canceled. Claim 10 has been amended.

A listing of claims follows:

1. (Original) A network management system comprising:

a plurality of element management servers to manage a set of network elements,
one of said plurality of element management servers to be designated as
the master server, said master server to determine which of said plurality
of element management servers to manage each of said set of one or more
network elements; and

a peered service resident on each of said plurality of element management servers
to handle a request from a client.
2. (Original) The network management system of claim 1 where each of said
plurality of element management server includes:

a federated service, said federated service to access data stored in a element
management server memory, said element management server memory
includes data to describe each of said set of network elements to be
managed by each of said plurality of element management servers.
3. (Original) The network management system of claim 2 where said federated
service to access nodal alarm data in said element management server memory.
4. (Original) The network management system of claim 2 where said federated
service to provide data to a data store.
5. (Original) The network management system of claim 2 where said federated
service to provide event log data to a data store.

6. (Canceled)
7. (Original) The network management system of claim 1 where said plurality of element management servers to determine which of said plurality of element management servers is designated as said master server.
8. (Original) The network management system of claim 7 where said plurality of element management servers to determine with a bully algorithm which of said plurality of element management servers is designated as said master server.
9. (Original) The network management system of claim 1 where said peered service resident on said plurality of element management servers to access a database to handle said request.
10. (currently amended) The network management system of claim ~~1~~ 9 where said peered service resident on said plurality of element management servers to access event log data in said database.
11. (Canceled)
12. (Canceled)
13. (Canceled)
14. (Original) The network management system of claim 1 where said client to randomly select one of said plurality of element management servers to handle said request.
15. (Original) The network management system of claim 1 where said client to randomly access a peered service on said plurality of element management servers.

16. (Original) The network management system of claim 1 where said client to generate a view of said of network elements and said plurality of element management servers from data stored in a database.

17. (Original) The network management system of claim 1 where said client to randomly access a federated service on said plurality of element management servers.

18. (Original) The network management system of claim 1 where said client to generate a view of said set of network elements and said plurality of element management servers from data stored in said element management server memory.

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Canceled)

23. (Original) A machine-readable medium that provides instructions, which when executed by a set of one or more processors, cause said set of processors to perform operations comprising:

pooling a plurality of element management servers, said plurality of element management servers to manage a set of network elements;

designating a master server from said plurality of element management servers, said master server to determine which of said plurality of element management servers to manage each of said set of network elements; and

receiving a request from a client, said request to be handled by a peerred service resident on each of said plurality of element management servers.

24. (Original) The machine-readable medium of claim 23 further comprising:
receiving a request for data stored in element management server memory, said request to be handled by a federated service, said federated service to access said data stored in element management server memory, said data to describe each of said set of network elements to be managed by said plurality of element management servers.
25. (Original) The machine-readable medium of claim 24 where said federated service to access nodal alarm data in said element management server memory.
26. (Original) The machine-readable medium of claim 24 where said federated service to provide data to a data store.
27. (Original) The machine-readable medium of claim 24 where said federated service to provide event log data to a data store.
28. (Canceled)
29. (Original) The machine-readable medium of claim 23 where said plurality of element management servers to determine which of said plurality of element management servers is designated as said master server.
30. (Original) The machine-readable medium of claim 29 where said plurality of element management servers to determine with a bully algorithm which of said plurality of element management servers is designated as said master server.
31. (Original) The machine-readable medium of claim 23 where said peered service resident on said plurality of element management servers to access a database to handle said request.

32. (Original) The machine-readable medium of claim 23 where said peered service resident on said plurality of element management servers to access event log data in said database.

33. (Canceled)

34. (Canceled)

35. (Canceled)

36. (Original) The machine-readable medium of claim 23 where said client to randomly select one of said plurality of element management servers to handle said request.

37. (Original) The machine-readable medium of claim 23 where said client to randomly access a peered service on said plurality of element management servers.

38. (Original) The machine-readable medium of claim 23 where said client to generate a view of said of network elements and said plurality of element management servers from data stored in a database.

39. (Original) The machine-readable medium of claim 23 where said client to randomly access a federated service on said plurality of element management servers.

40. (Original) The machine-readable medium of claim 23 where said client to generate a view of said set of network elements and said plurality of element management servers from data stored in said element management server memory.